20010727.qrp v02_n263.qrl.20010727

Date: Fri, 27 Jul 2001 19:03:09 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2263

QRP-L Digest 2263

Topics covered in this issue include:

  1) [103571] Radio Club in Tucson?
     by "Steve Farthing" <stephen@stevef.demon.co.uk>
  2) [103572] Re: QRP certificates
     by Russ Hines <wb8zcc@one.net>
  3) [103573] West bound on I-40 heading to Ft. Tuthill
     by jaywa5whn@juno.com
  4) [103574] RE: QRP certificates
     by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
  5) [103575] Re: Homebrew Dials
     by "james reid" <1reidj@clark.net>
  6) [103576] Warbler help
     by "Patrick York" <pyork@cetlink.net>
  7) [103577] QRP/Fleabag Motel addendum
     by "N7SG K7FD" <k7fd@hotmail.com>
  8) [103578] FW: ARLB028 ARRL Petitions for New 60-Meter Amateur Band
     by "Ed Tanton N4XY" <n4xy@att.net>
  9) [103579] Re: QRP Certificates
     by George Gingell <k3tks@u1.abs.net>
 10) [103580] FS Icom FL-100 Filter
     by "Rod Cerkoney, N0RC" <rod@n0rc.com>
 11) [103581] Anyone Got or Used New Mini-Pig 20 Rig Yet
     by "Craig W. Behrens" <craigwb@hiwaay.net>
 12) [103582] Sierra Band Module for 5.25 Mhz
     by W0rw@aol.com
 13) [103583] Digest Program
     by Norman Young <norman_y@yahoo.com>
 14) [103584] HB: Still Need Motorola Chip
     by Norman Young <norman_y@yahoo.com>
 15) [103585] Bencher Picture
     by "Roger A. McCarty" <rmccarty@earthlink.net>
 16) [103586] FOX -- NG Conditions...
     by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
 17) [103587] Re: Bencher Picture
     by "N7SG K7FD" <k7fd@hotmail.com>
 18) [103588] Re: Warbler help
     by "Bill, N4QA" <n4qa@hotmail.com>
 19) [103589] FOX -- WOW, *that* was Close!!!

    by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
20) [103590] FOX Quick and clean
    by "Bob Tellefsen" <n6wg@earthlink.net>
21) [103591] HDD Crash
    by "Richard H. Arland" <rarland@earthlink.net>
22) [103592] Foxhunt #10 - N9AW - Prelim report
    by "Jerry Scherkenbach" <jerrys@execpc.com>
23) [103593] Re: Radio Club in Tucson?
    by Bob Nielsen <nielsen@oz.net>
24) [103594] Re: 38 Special BC breakthrough
    by "Leon Heller" <leon_heller@hotmail.com>
25) [103595] FOX: ET got hung up on
    by "Marshall Emm" <mgemm@mtechnologies.com>
26) [103596] KITS: New - Island Keyboard kit
    by Charles Olson <jacksonharbor@att.net>
27) [103597] QRP Miracle Whip
    by Dragon Singer <WM-Scace@wiu.edu>
28) [103598] Re: HDD Crash
    by "John Dorson" <JDORSON@worldshare.net>
29) [103599] Re: Warbler help
    by n2cx@voicenet.com
30) [103600] Re: Anyone Got or Used New Mini-Pig 20 Rig Yet
    by Macstein@aol.com
31) [103601] Thanks for the Tucson info
    by "Steve Farthing" <stephen@stevef.demon.co.uk>
32) [103602] Trap Bandwidth
    by George Murphy <ve3erp@encode.com>
33) [103603] FOX: Bagged only one
    by Bill Coleman <aa4lr@arrl.net>
34) [103604] Re: Electrolytic caps
    by "Lau, Zack, W1VT" <zlau@arrl.org>
35) [103605] FOX: 7/26 (7/27z) Propagation
    by "Rod Cerkoney, N0RC" <rod@n0rc.com>
36) [103606] Oscillators
    by "Upton, Shawn" <SUpton@ALLEGROMICRO.com>
37) [103607] TS-440S (/QRP) and CW on 60 meters
    by "Bill, N4QA" <n4qa@hotmail.com>
38) [103608] Never saw this...
    by "Brian" <brian@iquest.net>
39) [103609] Re: TS-440S (/QRP) and CW on 60 meters
    by "Larry Wise" <lewise@txwises.com>
40) [103610] Re: TS-440S (/QRP) and CW on 60 meters
    by "Dennis Ponsness" <wb0wao@hotmail.com>
41) [103611] Re: Never saw this...
    by "Dennis Ponsness" <wb0wao@hotmail.com>
42) [103612] RE: QRP certificates
    by "David P. Drake" <dpd@dtpax2.ncifcrf.gov>
43) [103613] Re: Never saw this...

by "Brian" <brian@iquest.net>
44) [103614] Contest operating locations
by "Marty N5NW" <n5nw@onebox.com>
45) [103615] Re: Never saw this...
by Shephed@aol.com
46) [103616] Final Roster for the BUMBLEBEES
by Russ Carpenter <russ@natworld.com>
47) [103617] Re: Never saw this...
by Harris Keith E CONT CNIN <harris_k@crane.navy.mil>
48) [103618] Re: Never saw this...
by "Carlos Caro" <cjcaro35@hotmail.com>
49) [103619] Re: TS-440S (/QRP) and CW on 60 meters
by "George, W5YR" <w5yr@att.net>
50) [103620] GelCell charger question
by "tbowman@nbn.net" <tbowman@nbn.net>
51) [103621] Re: Never saw this...
by Harris Keith E CONT CNIN <harris_k@crane.navy.mil>
52) [103622] Re: HB: Still Need Motorola Chip
by "Steven Weber" <kd1jv@moose.ncia.net>
53) [103623] Re: Never saw this...
by "Per-Arne Asp" <per-arne.asp@tordata.se>
54) [103624] Re: Final Roster for the BUMBLEBEES
by =?ISO-8859-1?Q?"KB=D8VCC"?= <kb0vcc@yahoo.com>
55) [103625] Re: TS-440S (/QRP) and CW on 60 meters
by Mike <mmorrow@companet.net>
56) [103626] Re: TS-440S (/QRP) and CW on 60 meters
by "George, W5YR" <w5yr@att.net>
57) [103627] Re: TS-440S (/QRP) and CW on 60 meters
by lhlousek <lhlousek@nvbell.net>
58) [103628] Re: Homebrew Dials
by "John J. McDonough" <wb8rcr@arrl.net>
59) [103629] Re: Anyone Got or Used New Mini-Pig 20 Rig Yet
by Dennis Doran <wb8wtu@yahoo.com>
60) [103630] Re: TS-440S (/QRP) and CW on 60 meters
by Dave Sjolin <sjolin@swbell.net>
61) [103631] Case for a K1
by lhlousek <lhlousek@nvbell.net>
62) [103632] First smk contact!!!
by G Brandon Hoyt <preacher102677@juno.com>
63) [103633] Re: FOX: ET got hung up on
by russo@bogoflux.losalamos.nm.us
64) [103634] K1 and options sold...
by Patrick Armstrong <aa7fg@gte.net>
65) [103635] Re: Oscillators
by "Bob Tellefsen" <n6wg@earthlink.net>
66) [103636] Re: Homebrew Dials
by "TC Dufresne" <tdufresne@neb.rr.com>
67) [103637] Plands for Bee #1

    by Larry Cahoon <lejek@erols.com>
 68) [103638] Battery Testing and the Bees
    by Larry Cahoon <lejek@erols.com>
 69) [103639] Knwd TS-670 mods?
    by "tmyers" <tmyers@academicPlanet.com>

Date: Thu, 26 Jul 2001 23:12:01 +0100
From: "Steve Farthing" <stephen@stevef.demon.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [103571] Radio Club in Tucson?
Message-ID: <MABBLGJEEFHCJIEHNCOFKECNCDAA.stephen@stevef.demon.co.uk>
MIME-Version: 1.0
Content-Type: text/plain;
    charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Ladies and Gentlemen,

    Is there a ham radio club in Tucson, Arizona? My girlfriend lives there. Her father is retired and is looking for a hobby to keep him occupied.

Steve G0XAR

Date: Thu, 26 Jul 2001 19:30:04 -0400
From: Russ Hines <wb8zcc@one.net>
To: w1rfi@arrl.org, QRP-L Discussion Group <qrp-l@Lehigh.EDU>
Subject: [103572] Re: QRP certificates
Message-ID: <3B60A7FC.5DAFA2C3@one.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Now, Ed, are you trying to TELL us something? ;-)

Cool design features, let's see... I still like holograms.
Or perhaps go "retro" and make it out of parchment with a nice QRP watermark.

73,
Russ Hines
WB8ZCC

Hare,Ed, W1RFI wrote:
>
> Hi, guys and gals,
>
> If one were designing a QRP certificate, what types of design features would
> be cool? Any suggestions? You can send to me or post here on the list.
>
> 73,
> Ed Hare, W1RFI

Date: Thu, 26 Jul 2001 17:29:18 -0600
From: jaywa5whn@juno.com
To: qrp-l@lehigh.edu
Subject: [103573] West bound on I-40 heading to Ft. Tuthill
Message-ID: <20010726.172924.-605821.1.jaywa5whn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

VE5QRP/VE5RC has one of the best kept secrets in the QRP group. The Glacier-Waterton QRP forum in Glacier Park, MT. Bruce, superb job, let's keep it a secret. See you there next year. ;-)

We are west bound on I-40 heading for Ft. Tuthill, AZ. (7,000 ft. asl) - 7.04 MHz cw qrp mobile, plus or minus QRM/QRN on Friday morning.

The Monsoons are here.

The Balloon Launch, this coming Saturday morning, several of the Lincoln County, NM hams {DM73} are driving to the Mountains with a few of the Colorado Springs crowd doing exactly the same thing up north. Jack, AA0P wants to set a record from Ft. Tuthill. Details about the balloon launch can be obtained from Jack, AA0P. Monitor 446.5 MHz, FM, vertically polarized if you think you are within 500+ miles radius of Flagstaff, AZ. If you hear the NCS, transmit on 147.5 MHz. This is a balloon is QRP & sponsered by the AZ Balloon Group.

With my apologies to AOL Time-Warner & Bugs Bunny, "I should of taken a left at Albuquerque."

KK6MC, one request, put a Modelo on ice for me. :-)

CU there...Jay, WA5WHN/mobile

_____
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http://dl.www.juno.com/get/tagj.

Date: Thu, 26 Jul 2001 19:37:54 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "'Russ Hines'" <wb8zcc@one.net>
Cc: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [103574] RE: QRP certificates
Message-ID: <125490A005E3D3118C9C00805FC743CC023B354B@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

> Now, Ed, are you trying to TELL us something? ;-)

Who, me? :-) Let's just say I am anticipating a possible need and want to be as smart as I can if asked my opinion. :-)

Thanks for the ideas. I think ARRL has enough of a "retro" image in some minds (although some of the Board actions from this past meeting may change a few of them), so I probably wouldn't recommend parchement, if I were asked. :-)

73,
Ed Hare, W1RFI

> -----Original Message-----
> From: Russ Hines [mailto:wb8zcc@one.net]
> Sent: Thursday, July 26, 2001 7:30 PM
> To: w1rfi@arrl.org; QRP-L Discussion Group
> Subject: Re: QRP certificates
>
>
> Now, Ed, are you trying to TELL us something? ;-)
>
> Cool design features, let's see... I still like holograms.

> Or perhaps go "retro" and make it out of parchment with a nice QRP
> watermark.
>
> 73,
> Russ Hines
> WB8ZCC
>
>
>
> Hare,Ed, W1RFI wrote:
> >
> > Hi, guys and gals,
> >
> > If one were designing a QRP certificate, what types of
> design features would
> > be cool? Any suggestions? You can send to me or post here
> on the list.
> >
> > 73,
> > Ed Hare, W1RFI
>

Date: Thu, 26 Jul 2001 19:52:37 -0400
From: "james reid" <1reidj@clark.net>
To: <qrp-l@lehigh.edu>
Subject: [103575] Re: Homebrew Dials
Message-ID: <000101c1162e$0e18d660$8aeffc9e@default>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Much thanks to all who responded. I tried Picture Art on Word and it was a
snap. I was making professional dials in a very short time. Is this a
great website or what?!!

Jim, KD3S

Date: Thu, 26 Jul 2001 20:38:46 -0400
From: "Patrick York" <pyork@cetlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [103576] Warbler help
Message-ID: <200107270041.f6R0fvc67399@ns2.cetlink.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello All,

I just began construction of my Warbler. In the process of installing U2 (Surface Mount IC) I lifted a trace from the board. I believe it is the trace for pin #4 (With the lettering on the IC upright, it's the pin in the bottom right hand corner). Is there anything I can do to fix this? I sure hope so! Any help will be greatly appreciated!

73 de Patrick York - KF4LMZ
Rock Hill, South Carolina

Date: Thu, 26 Jul 2001 17:41:31 -0700
From: "N7SG K7FD" <k7fd@hotmail.com>
To: qrp-l@Lehigh.EDU
Cc: elecraft@qth.net
Subject: [103577] QRP/Fleabag Motel addendum
Message-ID: <F29RbFGIUUJlNK9W1Ip00002b5c@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From the murphy dept...

I just discovered the whole time I was on 40m cw, I had my W6MMA loaded whip set to the 75m marking on the coil...oops! No wonder I was having a dickens of time getting an acceptable swr! And I still managed 4 qso's! It was a perfect match of mojo vs. murphy...

Isn't qrp fun? Even when you do it wrong!

73 John K7FD, K1/52

____
Get your FREE download of MSN Explorer at http://explorer.msn.com/intl.asp

----

Date: Thu, 26 Jul 2001 20:49:55 -0400
From: "Ed Tanton N4XY" <n4xy@att.net>
To: "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Subject: [103578] FW: ARLB028 ARRL Petitions for New 60-Meter Amateur Band
Message-ID: <CKEGICNFDIMCEKEDCEHFAENLHPAA.n4xy@att.net>

MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

73 Ed Tanton N4XY <n4xy@arrl.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: http://www.n4xy.com

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA   GACW   QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

-----Original Message-----
From: ARRL Web site [mailto:memberlist@www.arrl.org]
Sent: Thursday, July 26, 2001 5:34 PM
To: n4xy@att.net
Cc: Subscribed ARRL Members:
Subject: ARLB028 ARRL Petitions for New 60-Meter Amateur Band

SB QST @ ARL $ARLB028
ARLB028 ARRL Petitions for New 60-Meter Amateur Band

ZCZC AG28
QST de W1AW
ARRL Bulletin 28 ARLB028
>From ARRL Headquarters
Newington CT July 26, 2001
To all radio amateurs

SB QST ARL ARLB028
ARLB028 ARRL Petitions for New 60-Meter Amateur Band

A petition filed this week by the ARRL could result in a new high-frequency band for US amateurs. The ARRL has asked the FCC to allocate 5.250 to 5.400 MHz to the Amateur Service on a domestic (US-only), secondary basis.

The League told the FCC that the new band would aid emergency communication activities by filling a ''propagation gap'' between 80

and 40 meters. ''There are times on certain paths when a frequency in the 80-meter band is too low, and a frequency in the 40-meter band is too high for reliable ionospheric propagation,'' the ARRL said in its petition. The ARRL said the propagation gap can hamper communication between the US and the Caribbean during a hurricane or severe weather emergency.

The ARRL Board of Directors approved the proposal at its July 20-21 meeting. The FCC has not yet invited public comments on the petition. Even if the petition finds favor with the FCC, it's likely to be several years before the new band actually becomes available.

As proposed by the ARRL, amateurs General class and higher would be permitted to operate phone, data, image and RTTY on the new band running maximum authorized power. No mode-specific subbands were proposed.

The ARRL said a new 150-kHz allocation at 5 MHz also could relieve substantial overcrowding that periodically occurs on 80 and 40. If the new band is approved, hams would have to avoid interfering with--and accept interference from--current occupants of the spectrum, as they already do on 30 meters. The band 5.250 to 5.450 MHz now is allocated to Fixed and Mobile services on a co-primary basis in all three ITU regions.

The ARRL's petition cites the success of the League's WA2XSY experimental operation in the 60-meter band, carried out since 1999, which confirmed the communication reliability of 60 meters.

''An amateur allocation in this band would improve the Amateur Service's already exemplary record of providing emergency communications during natural disasters when even modern communications systems typically fail,'' the ARRL concluded.

A copy of the ARRL petition is available on the ARRL Web site, http://www.arrl.org/announce/regulatory/5MHz
NNNN
/EX

Date: Thu, 26 Jul 2001 20:56:29 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [103579] Re: QRP Certificates
Message-ID: <Pine.BSF.4.33.0107262020290.97337-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I made Real QRPp Certificates for MDMW Club using recycled Business Cards and Custom Made Self Stick Address Labels. I also tryed to have Membership cards made the same method, using Transparent Labels. Member Numbers & Security Feature by hand before label applied.

If you are asking about "QRP DXCC" Certificates, that would be a bit different matter.

Here are some of the features I would consider.

1. Fancy Border Design, using Schematic Symbols, Maybe something in a light Blue as in "BluePrint". Even better, The Border Could be made up from Portions of "Classic QRP Circuits" TT2, HA5, Oner, Twofer, Etc. Maybe a few MCM's in Honor of Doug DeMaw. Osc, Mixer, Buff Amp, Etc.

2. A Nice Big Radio Tower in the Center Background with RF Signals Leaving the Top. (Steal RKO Tower LOGO :^} Lightening Bolts (Power Symbol :^} and Little CW Messages. CQ QRP CQ QRP de K3TKS :^} O.K. Insert the Call of the Award Receipient.

3. More Secret Messages in CW around the Border. LIke Canadian 5 Cent Coin? Funny, I used to know the message. Must be getting old, can't remember now.

4. A couple of CW Keys and a Miniature OLD Style Microphone (BC Radio)

I would love to have a Digital Camera, and Make Some Miniature Pix of some of my Key Collection. The QRP Twin KEYs would be perfect. My AT&T 6B on the Marble Base and Mike C.'s on a Pomona Box with TX inside. We has an aspiring Professional Photographer do the photo back in the 70's but I don't know where it is now. We still have the keys though.

Also the Land Line Camelback and Sounder would be neat. Also some of the German and Russian Keys would add international flavor.

5. Minitaure Photos of Classic QRP Rigs. Ten-Tec MR-1, 509, 515, NorCal 40, TT2, Micro-Mountaineer, K1, K2, and lots of others. Thumbnail pix.

6. A Special Page on ARRL Website with The QRP Honor Roll of Award Winners. The Certificate would be the Opening Page. The Callsign would take you to the Award List. The DXCC Title would take you to a Story about the award and how to earn it.

The Thumbnail Pictures could take you to details on the different QRP Rigs. Be sure to include some of the OLD VT models as well. 6L6 etc.

The Border designs could include a key component that takes you to details on the Circuit Design, etc. Schematic and parts list, mods. etc.

Of course QRP would take them to short Story about QRP, including links to some of the various qrp clubs and lists on the www.

I almost forgot, Gotta have a Wattmeter or Two on there somewhere. Remember the Old QRP ARCI LOGO? Wattmeter at 100 WATTS? I propose the Full Scale Reading of 5R00 :^} 5.0 0 WATTS (Use Light Blue for Decimal Point:^}

O.K., that's my $ .02 Cents, Good Luck...

Sir George, The First :^}

72 ES
QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems
Notary Public and Commercial Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Thu, 26 Jul 2001 19:28:58 -0600
From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, <ncarc@qth.net>, "Club-pre" <members@club-pre.org>
Subject: [103580] FS Icom FL-100 Filter
Message-ID: <013e01c1163b$82b70ac0$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

500Hz CW Filter for 706 & 746 (maybe others) $90 shipped CONUS.

Nearly new ~3mos. (I switched to a 350Hz CW filter)

73, Rod N0RC
Ft Collins, CO

Date: Thu, 26 Jul 2001 20:49:41 -0500
From: "Craig W. Behrens" <craigwb@hiwaay.net>
To: "QRP-L QRP-L" <qrp-l@Lehigh.EDU>
Subject: [103581] Anyone Got or Used New Mini-Pig 20 Rig Yet
Message-ID: <LPBBIKBNBOOLHAAJAHJGOEPGCIAA.craigwb@hiwaay.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I stumbled on to this new rig called a Mini-Pig 20 on e-Bay today and wonder
if it's any good.

The link on e-Bay page is:
http://www.fpqrp.com/ebay/ebay.html

I thought I was up to date on all the latest QRP goodies. Anybody got one,
or used one yet?

Thanks.

72/73 & DX,
Craig W. Behrens--NM4T (QQ Editor)
Madison, AL

Date: Thu, 26 Jul 2001 21:58:48 EDT
From: W0rw@aol.com
To: qrp-l@lehigh.edu
Subject: [103582] Sierra Band Module for 5.25 Mhz
Message-ID: <82.da5b8e1.289224d8@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Has anyone designed a Sierra band module for 5.25 - 5.4 Mhz yet ?
Paul w0rw

Date: Thu, 26 Jul 2001 19:25:16 -0700 (PDT)
From: Norman Young <norman_y@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [103583] Digest Program
Message-ID: <20010727022516.96894.qmail@web11608.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Gang,

If you get the digest and have not tried the program
written by David Snowdon, VA3DKS, to sort the digest
by subject, I strongly encourage you to do so. You'll
need to run it in Qbasic, but it is worth the effort.
The finished product is much easier to read and follow
threads.

If you have any expertise with the older basics, you
should be able to customize it even more. I have
already added a few more lines to strip out other
extraneous sig file and header stuff. Thanks, Dave,
for putting all this together!

72,
Norman

____
Do You Yahoo!?
Make international calls for as low as $.04/minute with Yahoo! Messenger
http://phonecard.yahoo.com/

Date: Thu, 26 Jul 2001 19:34:56 -0700 (PDT)
From: Norman Young <norman_y@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [103584] HB: Still Need Motorola Chip
Message-ID: <20010727023456.91242.qmail@web11605.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Gang,

This is my last post on the Motorola chip, MC3335P.
As I mentioned earler, I need this to complete a
partially built 80 meter SSB receiver that I would
like to become part of a portable QRP rig. This is

the only part I can't find without a hefty minimum
order.

I have looked at all the major vendors websites, and I
have exhausted the local dealer leads as well. I have
also followed up on a couple of leads from list
members, but none panned out. So, I'm still trying to
find the chip.

In the alternative, I have also tried to locate a
substitution guide online, but have had no luck there
either. If anyone can cross reference this chip for
me and suggest an equivalent substitution, I'd be
grateful.

Again, thanks to those who responded the first time.

72,
Norman
KA4PUV

_____
Do You Yahoo!?
Make international calls for as low as $.04/minute with Yahoo! Messenger
http://phonecard.yahoo.com/

Date: Thu, 26 Jul 2001 19:49:28 -0700
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [103585] Bencher Picture
Message-ID: <NBEDJCBBKGGMMPNBDCKOIEKOCKAA.rmccarty@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Guys/Gals,

My Son has drawn a nice picture of the bencher paddles. You can see it at;
http://www.rmccarty.net/SPM/Bencher.jpg

There are other Ham related pictures as well. Back up one spot to;
http://www.rmccarty.net/SPM/

You are welcome to use any of these images for hobby related purposes
however, no pecuniary interests / returns including web sites that have

pop-up banner ads that are or are not under your control.

If you use them and/or like them, a note to my Son Sean, freejack2@netzero.net, would be appreciated. I'd like to see him continue in this interest :-).

73

Roger KD6CC

Date: Thu, 26 Jul 2001 21:46:40 -0500
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [103586] FOX -- NG Conditions...
Message-ID: <200107270246.AA01122@bolshoi.cc.misu.nodak.edu>
Content-Type: text/plain
Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

I hear ET sometimes, just above ESP levels. Heard N9AW briefly down around 14.054, but several strong QSOs in progress all around didn't leave me room to shoot. Haven't heard a peep out of him recently, though F5BBD is coming in pretty good. :-/ Hoping I get a greyline shot at ET shortly, or the band suddenly goes short... :-) Otherwise, it doesn't look too promising. :-(

72/73,

Todd, AG0T

Date: Thu, 26 Jul 2001 20:11:40 -0700
From: "N7SG K7FD" <k7fd@hotmail.com>
To: rmccarty@earthlink.net, qrp-l@Lehigh.EDU
Subject: [103587] Re: Bencher Picture
Message-ID: <F159Sknvh7wFI1ZG5yo000071d0@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

WOW!

73 John K7FD

>From: "Roger A. McCarty" <rmccarty@earthlink.net>

>Hello Guys/Gals,
>
>My Son has drawn a nice picture of the bencher paddles. You can see it at;
>http://www.rmccarty.net/SPM/Bencher.jpg

_____
Get your FREE download of MSN Explorer at http://explorer.msn.com/intl.asp

---

Date: Thu, 26 Jul 2001 23:23:35 -0400
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [103588] Re: Warbler help
Message-ID: <F52h7jtrSByh133tYwl0000acc8@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I could be wrong about this...the eyes ain't as sharp as they once were,
but...

Pin 4 of both U1 and U2 appear to be unused in the Warbler.

IF this is true, just make sure that the lifted pad doesn't short to any
other circuitry and if there is no additional damage, you should be ok.

73.
Bill, N4QA

_____
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---

Date: Thu, 26 Jul 2001 23:02:13 -0500
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [103589] FOX -- WOW, *that* was Close!!!
Message-ID: <200107270402.AA01288@bolshoi.cc.misu.nodak.edu>
Content-Type: text/plain
Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

It's not often that I get right down to the last 5 minutes of a hunt foxless, then manage to work *both* of them in the space of 3 minutes. Actually, I had N9AW a bit earlier, but he didn't get my call. Then heard Doc work him, so jumped in again and got him that time. :-)

Tuned up to where ET was holding court, and he was suddenly an honest 559 and building fast. Only took one shot with 5W to put him in the log. And to think it was starting to smell more like stale fox urine than fresh fox fur... :-)

72/73,

Todd, AG0T

Date: Thu, 26 Jul 2001 21:13:48 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [103590] FOX Quick and clean
Message-ID: <MABBJOEABOILMKCJCLFCOEGOCJAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, that was fun and a bit of a change.
Just 5 minutes to bag ET and 3 more to bag Jerry.

Darn, this wire beam works good on 20m. Funny thing is I built it for 40m :-)

See you all in the next hunt.

GO BIG DAWGS
73, Bob N6WG

Date: Fri, 27 Jul 2001 00:21:02 -0400
From: "Richard H. Arland" <rarland@earthlink.net>
To: QRP-L@LEHIGH.EDU
Subject: [103591] HDD Crash
Message-ID: <3B60EC2D.254110B@earthlink.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang:

I've just recovered my hard disk from a crash. Unfortunately I lost all my data and my picture files, including my address book. Therefore, if I owe you an e-mail reply, please retrans to me and I'll correspond.

73 Rich K7SZ

PS: Any computer gurus out there that can take a HDD and recover my lost data after I used the recovery disk to get things back up? If so, please respond via private e-mail..

Date: Fri, 27 Jul 2001 04:24:56 -0500
From: "Jerry Scherkenbach" <jerrys@execpc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: "AJ9U, Bob" <brunnels@execpc.com>, "W9XT, Gary Sutcliffe" <ums@nconnect.net>, "WA9TZE, Jim Akre" <jsakre@execpc.com>, "W9XU, Lon" <lon.richoz@med.ge.com>, "NK9G, Rick" <rmcgaver@wi.rr.com>, "KF0CT, Chuck" <chu_r@hotmail.com>, "AE9K, Brian" <ae9k@yahoo.com>, "WE9K,Glenn Butzlaff" <gbutzlaff@wi.rr.com>
Subject: [103592] Foxhunt #10 - N9AW - Prelim report
Message-ID: <00db01c1167e$00faa080$0487cfa9@Pjerrys>

Well it started with a bang.....both the foxhunt and my evening. I turned on my IBM notebook that I use in the shack and got all kinds of nasty messages about hard drive errors. A couple of hours later after scan disk has run and flagged the bad areas I finally have a computer back again, but I suspect this baby needs a new hard drive. Thank goodness for extended warranties!

The foxhunt started with a bang too but quickly fizzled out. 38 qsos in first 30 minutes, 51 qsos in first hour, last hour was a disappointing 16 qsos. However, in the last hour I did work LZ1RS, UA1FJ, OK1KVR and OK1FQT.

Thanks to all who hung in there. My apologies to those I could not hear.

Now to manually key the log in and get it up on the net.....maybe tomorrow night.

72
Jerry N9AW

Date: Thu, 26 Jul 2001 21:31:22 -0700
From: Bob Nielsen <nielsen@oz.net>
To: Steve Farthing <stephen@stevef.demon.co.uk>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [103593] Re: Radio Club in Tucson?
Message-ID: <20010726213122.C5048@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Thu, Jul 26, 2001 at 11:12:01PM +0100, Steve Farthing wrote:
> Ladies and Gentlemen,
>
>   Is there a ham radio club in Tucson, Arizona? My girlfriend lives there.
> Her father is retired and is looking for a hobby to keep him occupied.

Old Pueblo Radio Club
Radio Society of Tucson
Tucson Repeater Association

There are links to the latter two (plus a few others) at K7OLD's web
site <http://www.hamsrus.com>. He can also get information at Pace
Electronics on Prince Road (the only ham store in Tucson).

73, Bob N7XY (former Tucson resident)

Date: Fri, 27 Jul 2001 05:08:51 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: sm6pxj@swipnet.se, qrp-l@Lehigh.EDU
Subject: [103594] Re: 38 Special BC breakthrough
Message-ID: <F48DN4CxpAOAkK5LqN30000208e@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>I have a problem with BCI in my 38 Special TCVR.
>I think it leaks into the 12 MHz IF.
>Is there any cure for this?
>/sm6pxj

A 12 MHz trap on the input?

Leon
--
Leon Heller, G1HSM
Tel: +44 1327 359058
Email:leon_heller@hotmail.com
My web page: http://www.geocities.com/leon_heller

_____
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Date: Thu, 26 Jul 2001 23:59:06 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@lehigh.edu
Subject: [103595] FOX: ET got hung up on
Message-ID: <3B60AECA.32662.31545B5@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Very strange conditions tonight-- I would have said they were excellent, except we both ran out of hounds pretty darn quick. No apparent problems with propagation or noise-- worked stations all around the country, and Rumi.

Tough copy with only a couple of hounds, while usually there are a dozen or so that are tough and a couple that I just can't work.

Might have been a bit high for other DX, which was certainly on the band. Hmmm.... wonder how many hounds were on the road tonight?

Finished up with a handful over 80 pelts, almost all of which were in the first hour. Sure glad I get another crack at it August 30th [g].

I have to transcribe a hand log too, so with luck will have it up tomorrow evening.

Thanks to all, and to all a good night....
ET

Marshall Emm, N1FN
Milestone Technologies, Inc.
(303) 752-3382
http://www.mtechnologies.com

Date: Fri, 27 Jul 2001 06:21:36 +0000
From: Charles Olson <jacksonharbor@att.net>
To: qrp-l@lehigh.edu
Subject: [103596] KITS: New - Island Keyboard kit
Message-ID: <20010727062135.HEHW18077.mtiwmhc26.worldnet.att.net@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Jackson Harbor Press is happy to announce the release of the Island Keyboard kit. Many of you may have an extra Tick, K8 or PK-x keyer chip due to upgrading - now you can turn that keyer chip into a fun Morse code keyboard by plugging it into the Island Keyboard kit!

The Island Keyboard features:

 - 90 character type ahead buffer
 - 20 non-volatile EEPROM memories
 - beacon capability
 - keyer functionality retained (paddle input, speed control, etc.)
 - machine pin sockets included for ICs

The Island Keyboard kit starts at $17 plus $2 postage/handling in USA DX (outside the USA) add $3.

No extra keyer chip in the shack ? - add a PK-Basic 8 pin keyer chip for $2 more

Manuals (not included in base price) for the Island Keyboard and PK-Basic keyer chip avaiable for $1 each.

The first 10 mail orders received for the Island Keyboard will include a free 5 pin DIN connector (for the PC keyboard).

For more information (including the manual and schematic), see:

<http://jacksonharbor.home.att.net/ham.htm>

Thanks and Best Regards,

Chuck Olson, WB9KZY
Jackson Harbor Press
Washington Island, WI
http://jacksonharbor.home.att.net
jacksonharbor@att.net

Date: Fri, 27 Jul 2001 06:42:41 +0000
From: Dragon Singer <WM-Scace@wiu.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [103597] QRP Miracle Whip
Message-ID: <5.1.0.14.0.20010727063812.02490d68@pop3.wiu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Gang,
Wayne K9DI & Sequoia here. I (finally) got a chance to read my copy of the July QST and had an article catch my eye for a "QRP Miracle Whip" which purportedly works pretty well on 80-10 meters and can also work fairly well on 2m and 440. It can handle 20 watts pep on SSB and 5 watts on CW
73
de

Respectfully and Sincerely Yours,

Wayne M. Scace

k9di@arrl.net
LICQ# 315313
FISTS# 4409
QRP-L# 2313
FPQRP-L# 217
ARS No. 1,082

Date: Fri, 27 Jul 2001 07:21:16 -0700
From: "John Dorson" <JDORSON@worldshare.net>
To: <rarland@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [103598] Re: HDD Crash
Message-ID: <007d01c116a7$66cc5060$d77c2526@atwork>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

seems there is a lesson here. BACK-UP!!!!!!!!
----- Original Message -----
From: "Richard H. Arland" <rarland@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, July 26, 2001 9:21 PM

Subject: HDD Crash

> Gang:
>
> I've just recovered my hard disk from a crash. Unfortunately I lost all
> my data and my picture files, including my address book. Therefore, if I
> owe you an e-mail reply, please retrans to me and I'll correspond.
>
> 73 Rich K7SZ
>
> PS: Any computer gurus out there that can take a HDD and recover my lost
> data after I used the recovery disk to get things back up? If so, please
> respond via private e-mail..
>
>

Date: Fri, 27 Jul 2001 07:35:06 US/Eastern
From: n2cx@voicenet.com
To: qrp-l@lehigh.edu
Cc: pyork@cetlink.net, n4qa@hotmail.com, n2cx@voicenet.com
Subject: [103599] Re: Warbler help
Message-ID: <200107271135.f6RBZ8Z55854@nss4.cc.lehigh.edu>

Bill,

You are right, pin 4 is unused.

Pat, just do as Bills says and you are in business!

72/73,

Joe E., N2CX

Bill, N4QA wrote:

>I could be wrong about this...the eyes ain't as sharp as they once were,
>but...
>
>Pin 4 of both U1 and U2 appear to be unused in the Warbler.
>
>IF this is true, just make sure that the lifted pad doesn't short to any
>other circuitry and if there is no additional damage, you should be ok.

>73.
>Bill, N4QA

This message was sent using Voicenet WebMail.
      http://www.voicenet.com/webmail/

Date: Fri, 27 Jul 2001 08:02:27 EDT
From: Macstein@aol.com
To: craigwb@hiwaay.net, qrp-l@lehigh.edu, fpqrp-l@mpna.com
Subject: [103600] Re: Anyone Got or Used New Mini-Pig 20 Rig Yet
Message-ID: <105.6ce1987.2892b253@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 7/26/2001 9:42:21 PM Eastern Daylight Time,
craigwb@hiwaay.net writes:

> I stumbled on to this new rig called a Mini-Pig 20 on e-Bay today and wonder
> if it's any good.

> The link on e-Bay page is:
> http://www.fpqrp.com/ebay/ebay.html

> I thought I was up to date on all the latest QRP goodies. Anybody got one,
> or used one yet?

Well, that is one fine rig! I've used two different "versions" of the MP-20
and it seems that's one I built.

Of course it worked MUCH better using clip leads to plug the modules
together, but now that it's mounted on a board, it oughta be even more stable
(but you can no longer use your hand capacitance as an RIT). I also had a
unique backwards readout for the PLL switches, but I think that's been
ruined. Worst of all, I had a couple of interesting little AM antennas around
the audio amp. I could listen to talk radio while working Foxii and steal
sermons from Jimmy Swagart, I think that feature has been deleted in this
version too.

I tried to bid and GET IT BACK, but the pig version of ebay would not take my

bid. Grab it if you can! Good luck Craig!

-MAC-
AF4PS
-51

... who REALLY want's his MP-20 back.

Date: Fri, 27 Jul 2001 13:47:03 +0100
From: "Steve Farthing" <stephen@stevef.demon.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [103601] Thanks for the Tucson info
Message-ID: <MABBLGJEEFHCJIEHNCOFAEDFCDAA.stephen@stevef.demon.co.uk>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Guys,
     Within a few hours I had 8 replies pointing me in the right direction.
Thanks

Steve

Date: Fri, 27 Jul 2001 08:47:53 -0400
From: George Murphy <ve3erp@encode.com>
To: qrp-l@lehigh.edu
Subject: [103602] Trap Bandwidth
Message-ID: <4.3.2.7.0.20010727082657.00a9ed10@encode.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Many TNX to all who responded both on-list and directly. As many of you
pointed out, HAMCALC already does these calculations in various programs,
notably the "Bandwidth vs. Q" program. However, they all require the user
to input additional data, e.g., Loaded Q, load resistance, etc., which may
not be known by the user. I was looking for something simpler, even if only
ballpark.

Here is my problem: HAMCALC 53 has a new program for designing traps. All
it requires the user to input are the frequency and reactance. For lack of
anything better, the program only advises that the reactance should be

within the range of 200-450 ohms. I arrived at this range by analyzing every published trap antenna design I could find, to see what works. I would like to add something to my Trap Design program that is a little less vague to aid the user (especially the non-techies among us) in selecting a reactance. Perhaps by assuming a typical load resistance of 75 ohms and showing the bandwidth at, say, 300 and 540 ohms reactance?

hmmmmmm.

Back to the drawing board - hi!

-73- Murph VE3ERP

Date: Fri, 27 Jul 2001 08:53:49 -0400
From: Bill Coleman <aa4lr@arrl.net>
To: "QRP" <qrp-l@Lehigh.EDU>
Subject: [103603] FOX: Bagged only one
Message-ID: <1010627085349.IAA03687@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Entered the shack at 0303Z. Worked N1FN by 0305Z. Gave him a 549, but in my haste I didn't try the vertical. He was a solid 599 on the vertical.

Tuned around for the next 45 minutes, looking for N9AW. I finally found the hounds working him, but he was completely inaudible here in GA.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
-- Wilbur Wright, 1901

Date: Fri, 27 Jul 2001 08:51:56 -0400
From: "Lau, Zack, W1VT" <zlau@arrl.org>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [103604] Re: Electrolytic caps
Message-ID: <125490A005E3D3118C9C00805FC743CC027E2EC3@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Does anyone have a source for low ESR bi-polar electrolytics?
--Zack W1VT

Date: Fri, 27 Jul 2001 07:01:05 -0600
From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [103605] FOX: 7/26 (7/27z) Propagation
Message-ID: <006e01c1169c$32cdc560$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well,

Never did hear N9AW.

Marshall was just above the noise level. I could hear enough to know
it was him--that's about it.

So, I went to 14.100 & listened to the NCDXF beacons:

4U1UN 599
VE8AT 559
W6WX not heard
KH6WO 539

Interesting, from my QTH to VE8AT it is abt 1000 miles. Chicago to FtC
is about 1000 miles, but no Fox! FtC to W6WX is about 1000 miles but
no W6WX.

Listening to the beacons I did observe very rapid QSB on some of the
more distant stations. The first part of the callsign would be 559,
and the last part would be 519 or worse.

Weird. To paraphrase Forest Gump, '...propagation is like a box of
chocolates, you never know what your going to hear...'

73, Rod N0RC
Ft Collins, CO

Date: Fri, 27 Jul 2001 09:44:44 -0400

From: "Upton, Shawn" <SUpton@ALLEGROMICRO.com>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [103606] Oscillators
Message-ID: <E1F0152638DBD311AEF700D0B74455E23BFBA7@exchange_nh.allegromicro.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

I was reading through the Handbook, and it stated that, between the various types of simple LC oscillators, none was really better than the other--mechanical construction considerations I guess make or break the designs. Is that true?

I convinced myself yesterday that a series tuned Colpitts will indeed oscillate (as if, if I couldn't understand why, it wouldn't work...) and plan to build one for 7MHz. I know the freq is a bit high, but I simply want to build something.

I see alot of older designs using JFET's (MPF102), and more designs now using BJT's (2N2222a, for example). I know that a BJT will load the tank circuit a bit more, but are they lower noise? Or, at HF, is not really much of an issue? I don't think I have any JFET's in my junk box (maybe it's time to strip down some more dead readios), so I am thinking of using a 2n2222.

Also, why are most VFO designs use 9V as a voltage rail? Supposedly, a 5.1V zener has the lowest tempco of the zeners, if you plan to zener regulate the vfo. Or are the 8/9V regulators (78LO8/9) "good 'nuff" for the job?

Lastly, I plan to follow this vfo with a tripler. I looked at the circuit in the Handbook; and it is a push-pull affair, with a transformer on the output, tuned to 3f (f being the input freq). It looks as if it is class C, passing only the 3rd harmonic. Is this the idea behind most freq multipliers--ie, amplify/distort the input signal and pass only the desired harmonic? Well, I suppose a doubler would only have to full-wave rectify the signal, but that design would still need a tuned output at 2f.

Shawn Upton, KB1CKT
Product Development Engineer - Sensors
Allegro MicroSystems, Inc
Concord, NH
603.228.5533 ext. 429

Date: Fri, 27 Jul 2001 09:58:12 -0400

From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [103607] TS-440S (/QRP) and CW on 60 meters
Message-ID: <F22FRaqbC8wSA1XvpFV0000b868@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I presume that the inclusion of CW, as an operating mode, in the ARRL's petition for amateur allocation at 5250 to 5400 kHz, was unnecessary because of the ol' "It's ok to use CW on any amateur frequency" clause, found somewhere in Part 97.

Now, then, should FCC allocate a 60-meter band to amateurs, I'll have to:

1) Wonder whether FCC will say that it's ok to clip diode D80 on Control Unit board X53-1450-00 which enables the TS-440S to transmit anywhere from 3.5 mHz thru 30 mHz, just so that I might operate (QRP, of course) between 5.25 mHz and 5.4 mHz ...(as designed, the TS-440S will not transmit outside the current amateur bands from 160 to 10 meters without clipping D80). I *MAY* be ready to purchase a new rig by the time 60-meters becomes available...if it EVER does.

2) Test the TS-440S' internal automatic antenna tuner to determine whether it will function properly between 5250 and 5400 kHz...I'll bet it will... into a dummy load, at least ;)

3) Think about a new antenna...

It's always sumthin'...

73.
Bill, N4QA

____
Get your FREE download of MSN Explorer at http://explorer.msn.com/intl.asp

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Date: Fri, 27 Jul 2001 10:16:35 -0400
From: "Brian" <brian@iquest.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [103608] Never saw this...

Message-ID: <002101c116a6$be158c70$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have read my handbook from cover to cover....but I never saw mention of
this. I wonder if they would help my contest scores?

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1259379608

A true modern day marvel.

=======================================
 KB9BVN/QRP - New Whiteland IN - EM69WN
 QRP-ARCI #10223 QRP-L #1540 FIST #5695
   FISTS CC #764 - Proud Member ARRL
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W
   INTO INFAMOUS AF4PS ATTIC DIPOLE
  SOC #400 AND FLYING PIGS QRP #-57
=======================================

Date: Fri, 27 Jul 2001 14:23:48 +0100
From: "Larry Wise" <lewise@txwises.com>
To: "qrp" <qrp-l@lehigh.edu>, "n4qa@hotmail.com" <n4qa@hotmail.com>
Subject: [103609] Re: TS-440S (/QRP) and CW on 60 meters
Message-ID: <200107271423.JAA80176@aoot.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Bill:

On Fri, 27 Jul 2001 09:58:12 -0400, Bill, N4QA wrote:

>...
>1) Wonder whether FCC will say that it's ok to clip diode D80 on Control
>...

The FCC doesn't care what you do to a rig...As an amateur, you are responsible
to insure that your operation is in accordance with the rules, no matter
what hardware you are running....

This is a standard type mod for MARS and perhaps CAP operators to use the rigs on the non ham frequencies.....

>
>2) Test the TS-440S' internal automatic antenna tuner to determine whether
>it will function properly between 5250 and 5400 kHz...I'll bet it will...
>into a dummy load, at least ;)
>

It may or may not, depending on how the switching logic is set up in the rig... With the TS450, when the freq is dialed above 4.000mhz, you can hear a click as some of the circuitry switches to the 40 meter band....One of the circuits switched is apparently the antenna tuner...as it will not work on the 80 meter MARS frequencies just above 4 mhz. Have not tried it at 5mhz...

However I have heard that there is a mod for the 440 (and possibly the 450) which changes this switching to allow the tuner to work over a more extended range before it switches to 40....However I have no other info on it...

Larry KA5T
Georgetown, Texas

>
>73.
>Bill, N4QA
>
>...

Date: Fri, 27 Jul 2001 14:23:40 +0000
From: "Dennis Ponsness" <wb0wao@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [103610] Re: TS-440S (/QRP) and CW on 60 meters
Message-ID: <F168ZolmRBaYFkuutSg00006892@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: "Bill, N4QA" <n4qa@hotmail.com>
>Reply-To: n4qa@hotmail.com
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

>Subject: TS-440S (/QRP) and CW on 60 meters
>Date: Fri, 27 Jul 2001 09:58:12 -0400
>
>I presume that the inclusion of CW, as an operating mode, in the ARRL's
>petition for amateur allocation at 5250 to 5400 kHz, was unnecessary
>because
>of the ol' "It's ok to use CW on any amateur frequency" clause, found
>somewhere in Part 97.
>
>Now, then, should FCC allocate a 60-meter band to amateurs, I'll have to:
>
>1) Wonder whether FCC will say that it's ok to clip diode D80 on Control
>Unit board X53-1450-00 which enables the TS-440S to transmit anywhere from
>3.5 mHz thru 30 mHz, just so that I might operate (QRP, of course) between
>5.25 mHz and 5.4 mHz ...(as designed, the TS-440S will not transmit outside
>the current amateur bands from 160 to 10 meters without clipping D80). I
>*MAY* be ready to purchase a new rig by the time 60-meters becomes
>available...if it EVER does.

I think that you would be able to do that..PROVIDED that the TXVR would still be within specs for operating in the amateur service.

As far as getting a new rig is concerned, don't look for Yaecomwood to release one for a while, at least until the band becomes worldwide or available in JA as well. A good example of this was rigs - especially multimode ones- on the 220 MHz band. If there is a limited market, dont expect the big three to rush out a new rig for that band.
Myself, I expect that the band will become available within a year, I am betting that the ARRL would like to use this as a "technology demonstrator" to show that we can share this band prior to WARC 2003, so there will be evidence for getting a world wide allocation on 60m. So, I am betting that the ARRL will pull out all the stops and push this NPRM hard.
Most likely you will see the first rigs on the band as a combo of HB and kits. SW-60+ 's, Sierras, SST's, etc. I wonder if Dave has started doing the calculations for a SW-60+ yet..<grin> (Congrats on your award too Dave, well earned!!!).

72/73

Dennis - WB0WAO

_____
Get your FREE download of MSN Explorer at http://explorer.msn.com/intl.asp

---

Date: Fri, 27 Jul 2001 14:31:54 +0000

From: "Dennis Ponsness" <wb0wao@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [103611] Re: Never saw this...
Message-ID: <F220qFXfyY0QUUBPcZi00000e7d@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: "Brian" <brian@iquest.net>
>Reply-To: brian@iquest.net
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: Never saw this...
>Date: Fri, 27 Jul 2001 10:16:35 -0400
>
>I have read my handbook from cover to cover....but I never saw mention of
>this. I wonder if they would help my contest scores?
>
>http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1259379608
>
>A true modern day marvel.
>
>
>==
> KB9BVN/QRP - New Whiteland IN - EM69WN
> QRP-ARCI #10223 QRP-L #1540 FIST #5695
>   FISTS CC #764 - Proud Member ARRL
>TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W
>   INTO INFAMOUS AF4PS ATTIC DIPOLE
>   SOC #400 AND FLYING PIGS QRP #-57
>==
>
>
How would they be used????

_____
Get your FREE download of MSN Explorer at http://explorer.msn.com/intl.asp

---

Date: Fri, 27 Jul 2001 10:36:44 -0400
From: "David P. Drake" <dpd@dtpax2.ncifcrf.gov>
To: qrp-l@Lehigh.EDU
Subject: [103612] RE: QRP certificates

Message-ID: <5.0.2.1.2.20010727103351.03c167f0@dtpax2.ncifcrf.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Ed,

How about a tiny rig with it's transmit section, or signal enlarged by a
magnifying glass!

N3LSB - Dave dpd@dtpax2.ncifcrf.gov
Taneytown, MD QRP-l#:317
Carroll County FM19jp

Date: Fri, 27 Jul 2001 10:37:55 -0400
From: "Brian" <brian@iquest.net>
To: <wb0wao@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [103613] Re: Never saw this...
Message-ID: <004501c116a9$ba192a20$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Well it has something to do with them being magic.

----- Original Message -----
From: "Dennis Ponsness" <wb0wao@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, July 27, 2001 10:31 AM
Subject: Re: Never saw this...

> >
> >
> How would they be used????
>
>
> _____
> Get your FREE download of MSN Explorer at http://explorer.msn.com/intl.asp
>
>

Date: Fri, 27 Jul 2001 10:36:54 -0400
From: "Marty N5NW" <n5nw@onebox.com>
To: "QRP List" <qrp-l@lehigh.edu>
Subject: [103614] Contest operating locations
Message-ID: <HKEIKBMFOAJDNCCMGNEBIEFJCBAA.n5nw@onebox.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

NAQP CW is upcoming, a prime QRP opportunity as all participants are power limited. Plus, only 12 hours!

I'm contemplating traveling up to Detroit, crossing into Ontario, and operating the contest portable VE. Why you ask? Well, no antennas allowed in current location for one.

Anyone know of a good location in/around Windsor, Ontario? Point Pelee looks promising.

Thanks,
Marty, N5NW/8
Dayton, Ohio

Date: Fri, 27 Jul 2001 10:45:09 EDT
From: Shephed@aol.com
To: <qrp-l@lehigh.edu>
Subject: [103615] Re: Never saw this...
Message-ID: <ff.99fdcea.2892d876@aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Ok this will get me flamed and/or banished from the list but I can't resist!

I hear the Magic Spandex Shorts=AE will boost your QRPnis signal to QRO leve=
ls.

There I said it. LOL

72, oo
Dan, N8IE

In a message dated Fri, 27 Jul 2001 10:17:40 AM Eastern Daylight Time, "Bria=
n" <brian@iquest.net> writes:

> I have read my handbook from cover to cover....but I never saw mention of
> this. I wonder if they would help my contest scores?
>=20
> http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=3D1259379608
>=20
> A true modern day marvel.
>=20
>=20
> =3D=3D=3D=

AA7LE	Bary	79	Central Oregon
AA7QU	Russ	94	Mt. Hood, OR
AC5K	Wes	18	
AC6KW	Jeff	12	
AC7CF	Andrew	11	Milcreek Canyon, UT
AD2A	David	36	
AD4MZ	Bob	100	
AD6JY	Dan	99	
AD6WE	Delbert	107	Ralph B. Clark Regional Park, CA
AE4 GX	Sam	61	
AE4IC	Bob	37	
AE5X	John	17	Appalachian Trail, NJ
AK7Y	Greg	39	Noble Mountain, AZ
AL7OK	John	105	Bird Point, AK
G3CWI	Richard	85	
GM3SKN	Deni	95	Eshaness Lightnouse, Shetland Islands
K0EVZ	Doc	27	International Peace Garden, Canadian border
K1VP	Ed	28	
K2UD	Howard	10	
K3TW	Tom	70	Theodore Roosevelt Island, Wash DC
K4FB	Paul	4	
K4MF	Gary	64	
K5HWT	Morgan	13	Weminuche Wilderness, CO
K5QLF	Fred	55	Gulf Coast, TX
K5RAC	Joe	47	Red Kane Park, TX
K6HB	Bill	109	
K7GT	Allan	56	Sequoia National Park, CA
K7LOW	John	106	Ona Beach State Park, OR
K7PX	Steve	41	Bitterroot Mountains, MT
K7TQ	Randy	16	Mountains of North ID
KB0VCC	Dale	32	
KB9LCK	Chris	88	Log Cabin State Park, IL
KC5WX	Gene	75	Kendall Mountain, CO
KD3FG	Jon	48	
KD5LX	Bob	73	Mt. Esther, CO
KD7GIM	Dave	82	Glacier Peak Wilderness, WA
KE1L	Mark	6	Great Blue Hill, MA
KF4AR	Rick	34	Jump Off Rock, NC
KG0MZ	John	20	
KH6HE	Alex	101	Island of Maui, HW
KI0II	Ron	31	Some scenic spot in NE
KI6SN	Richard	40	
KL7H/C6A	Bruce	93	Bahamas
KO4WX	Mike	78	
KQ6DV	Tom	53	Brighton Beach State Park, CA
KQ6NO	Rick	68	
KT3A	Cameron	21	Brunner Island, PA
KW4JS	John	65	

MW0IDX	Roger	91	Snowdonia, North Wales
N0JRN	Jerry	103	Wilson Creak Battle Field, MO
N0SXX	Gary	2	
N1BQ	Brian	104	Long Trial, VT
N1EU	Barry	67	Green Mountains, VT
N2CQ	Ken	74	
N2TO	Keven	38	
N3EPA	Ron	35	Appalachian Trail, PA
N3YVC	Mike	83	Coopers Rock State Forest, WV
N4BP	Bob	26	Alligator Alley, FL
N4DD	Dennis	54	Chestnut Ridge, TN
N4EJG	Ed	33	Everglades National Park, FL
N4HAY	Dick	81	Lake Jordan, NC
N4ROA	Dan	80	Powell Mountain, VA
N6GA	Cam	49	
N6MM	Harvey	5	
N6WG	Bob	24	
N6XI	Rick	98	Martis Peak, CA
N7CEE	Bruce	25	Bridger Wilderness, WY
N7CQR	Dan	66	
N7LT	Lyndel	46	Yellowstone National Park, WY
N7RVD	Brian	59	Mt. Pilchuck, WA
N7SR	Steve	14	
N7XJ	Bob	42	Big Baldy Mountain, UT
N9AW	Jerry	45	
NK9G	Rick	51	
NM5M	Eric	89	Glen Arbor Nature Preserve, TX
NO5DL	David	102	Hilltop in Update New York
VA7NT	Paul	76	
VE3ELA	Ken	43	Georgian Bay, ON
VE3GYY	Peter	86	
VE3JC	John	15	
VE3VXO	Joe	52	Island in Ottawa River, Ont
VE6QSL	John	58	
VO1DZA	Graham	84	Signal Hill, Newfoundland
W0CH	David	3	McDonald County, MO
W1PID	Jim	44	Dearborn Pond, NH
W3IRZ	Mike	96	
W4ED	Bob	77	
W6AGS	Arth	50	Near Lake Alpine, CA
W8DIZ	Diz	8	
W8PIG	Rick	97	Island in Caesar Creek State Park, OH
W9FNB	Gary	63	Shakamak St. Park,Jasonville IN
W9SUL	Dave	22	Zumbro River, MN
WA1VAI	Tom	9	Presque Isle, PA
WA2HOQ	Bob	7	Newbold Island, Delaware River
WA2OCG	Michael	87	Tiger Mountain, WA
WA4SQM	Ken	72	Mountains of North Georgia

```
WA7LNW    Jack      29
WA9TPZ    Lou       71   Shakamak St. Park,Jasonville IN
WA9TZE    Jim       69   Milwaukee, WI
WB4OF     John      30
WB6FZH    Greg      92   Shasta-Trinty National Forest, CA
WB6TDC    Quinn     62   Yellowstone National Park, WY
WD0DDU    Layne     60   McDonald Country, MO
WD0HHQ    Rob       90   Breakneck Pass, CO
WD3P      Larry     1
```

```
Date: Fri, 27 Jul 2001 10:16:20 -0500
From: Harris Keith E CONT CNIN <harris_k@crane.navy.mil>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [103617] Re: Never saw this...
Message-ID: <4F76B3D4A76AD111803B00A0C9893D9C06ED8E51@cninexchsrv05>
MIME-Version: 1.0
Content-Type: text/plain

Just an off the wall guess, but I'd say they work like this:
    1.)  Put one leg in.

    B.)  Put the other leg in.

    III.)  Pull up as hard as you can.

Maybe Brian can add some light on this.

72/73 de N9KH
```

```
Date: Fri, 27 Jul 2001 09:35:50 -0600
From: "Carlos Caro" <cjcaro35@hotmail.com>
To: Shephed@aol.com, qrp-l@Lehigh.EDU
Subject: [103618] Re: Never saw this...
Message-ID: <F157LBtKjk74s5ZThKx000068f6@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed


>Ok this will get me flamed and/or banished from the list but I can't
>resist!
>
>I hear the Magic Spandex Shorts  will boost your QRPnis signal to QRO
>levels.
```

>
>There I said it. LOL
>
>72, oo
>Dan, N8IE

Dan,

That all depends on how much of a power supply you have available.

Regards es oo's
Carlos KB0REI

_____
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---

Date: Fri, 27 Jul 2001 11:09:27 -0500
From: "George, W5YR" <w5yr@att.net>
To: n4qa@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [103619] Re: TS-440S (/QRP) and CW on 60 meters
Message-ID: <3B619237.22AE9B4D@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

An interesting question related to yours, Bill, is whether or not the original FCC "approval for sale" of a particular commercial rig is still valid once the owner goes in and modifies the rig, especially to transmit on frequencies previously unavailable? As I understand it, apart from linear amps, the FCC approval is actually a Part 15 approval stipulating that all Part 15 requirements have been met, particularly regarding incidental radiation, etc.

I really doubt that this has any impact since any ham can modify any rig for amateur service provided only that its emissions remain "legal."

But, perhaps that is the problem: if your 440 is modified as you described, will its emissions remain legal in terms of purity, etc.? Or does clipping that diode unleash some previously tamed untoward behavior? <:}

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe

Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Date: Fri, 27 Jul 2001 12:15:37 -0400
From: "tbowman@nbn.net" <tbowman@nbn.net>
To: qrp-l@lehigh.edu
Subject: [103620] GelCell charger question
Message-ID: <412001752716153535@nbn.net>
MIME-Version: 1.0
Content-type: text/plain; charset=iso-8859-1

I'd like to talk with anyone who built the Long Haul H-T Battery
Charger that appeared in Sept. 1993 QST.

The original charger was built to charge two 6 volt batteries and I'd
like to change the circuit to charge one 12 volt battery.

Thanks,

Tom, WA3REY

Date: Fri, 27 Jul 2001 11:16:31 -0500
From: Harris Keith E CONT CNIN <harris_k@crane.navy.mil>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [103621] Re: Never saw this...
Message-ID: <4F76B3D4A76AD111803B00A0C9893D9C06ED8E56@cninexchsrv05>
MIME-Version: 1.0
Content-Type: text/plain

I forgot to mention, if you're signal drifts upward more than an octave, go
back and try again. You may have done something wrong.

72/73 de N9KH

Date: Fri, 27 Jul 2001 11:48:28 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: norman_y@yahoo.com
Cc: qrp-l@lehigh.edu
Subject: [103622] Re: HB: Still Need Motorola Chip
Message-ID: <200107271619.f6RGJY021428@wolf.ncia.net>
MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

>
> This is my last post on the Motorola chip, MC3335P.
> As I mentioned earler, I need this to complete a
> partially built 80 meter SSB receiver that I would
>
Norman,

As you've found out, getting Motorola IC's isn't easy. Newark might have some, but require a $25.00 min. There are no direct subs for this chip.

Since the MC3335 is used solely for it's two Gilbert cell mixers, the only real option is to make an adapator board using two SA612's on it, although it might be just as easy to make a whole new board using the '612's This would also allow you to "improve" the design, by adding an op amp gain stage bewteen the product detector and LM386 to get some more sensitivity and maybe even adding an audio band pass filter, if you plan on using this for CW. Also adding an audio mute switch would be handy if your planing on adding a transmitter section.

Good Luck!

72,
Steve, KD1JV in the White Mountains of New Hampshire
"Melt Solder"
http://www.qsl.net/kd1jv/index.html

Date: Fri, 27 Jul 2001 16:11:24 +0200
From: "Per-Arne Asp" <per-arne.asp@tordata.se>
To: <qrp-l@Lehigh.EDU>
Subject: [103623] Re: Never saw this...
Message-ID: <002d01c116a6$05192240$0a00a8c0@Domain>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="Windows-1252"
Content-Transfer-Encoding: quoted-printable

> That all depends on how much of a power supply you have available.

... and if it gets hot just add an 8' fan! ;-)

72/73 de p-a/sm4inv

Date: Fri, 27 Jul 2001 09:56:21 -0700 (PDT)
From: =?ISO-8859-1?Q?"KB=D8VCC"?= <kb0vcc@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [103624] Re: Final Roster for the BUMBLEBEES
Message-ID: <20010727165621.51054.qmail@web13808.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Third try is a charm, I hope. I'll be BB #32
this year, again trying to make it to the summit
of Kearsarge North in Chatham, NH (NOT to be
confused with Mt Kearsarge in Warner, NH) to
operate from the abandoned fire-tower there.
Check out...

http://www.firetower.org/listings/us023.html

...and a description of the hike at...

http://www.fs.fed.us/r9/white/recreation/hiking/rog/kearsarge_hiking.html

The two previous years I've tried to make it
there for the BB contest but was driven away
by lightning. Hopefully this year will bring
success. Rig will be my OHR-500 (not especially
"trail friendly" but multi-band capable). The
antenna will be a random-wire sloper matched
by an MFJ-16010 random-wire tuner, and tuned
counterpoise stringers hanging down. Battery
is a 1400mAh gel. Total pack weight, including
radio gear, camera, tripod, water, food, etc.,
about 65 pounds. "Groan" but band condx
permitting, I should have a great signal this
year, making the effort worth it.

Hope to work many of you!
72/73,
-Dale

=====

"There is a very fine line between "hobby" and "mental illness." --Dave Barry
===
 Dale Anderson   In the Mt Washington Valley
 KB0VCC   Conway, New Hampshire
 QRP-L #91 / CQC #251   Grid Sq: FN43KX
 ARS #234 / FISTS #3172   http://www.qsl.net/kb0vcc
===

____
Do You Yahoo!?
Make international calls for as low as $.04/minute with Yahoo! Messenger
http://phonecard.yahoo.com/

Date: Fri, 27 Jul 2001 11:50:25 -0500
From: Mike <mmorrow@companet.net>
To: n4qa@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [103625] Re: TS-440S (/QRP) and CW on 60 meters
Message-ID: <3B619BD1.5F52@companet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Bill,

Bill, N4QA wrote:

> Now, then, should FCC allocate a 60-meter band to amateurs,
> I'll have to:
>
> 1) Wonder whether FCC will say that it's ok to clip diode ... which
> enables the TS-440S to transmit anywhere

It's always been legal for the owner of the rig to do mods of that sort,
thus the FCC doesn't care as long as the usage remains legal (such as
use on MARS/CAP/SHARES frequencies, though apparently the equipment
standards for those services may be significantly increased in the
not-too-distant future).

> from 3.5 mHz thru 30 mHz ...

I believe that the TS-440 will transmit from about 1.8 to 30 MHz with
the mod you describe.

> I *MAY* be ready to purchase a new rig by the time 60-meters becomes
> available...if it EVER does.

I'd bet that it will be a *long* while before 60 meters is authorized.

> 2) Test the TS-440S' internal automatic antenna tuner to determine
> whether it will function properly between 5250 and 5400 kHz.

I think it would likely work, though with auto tuners it's hard to know in advance. My TS-50S with AT-50 auto-tuner will tune fine into a dummy load at 1999 kHz, but won't tune at all into the same load at 2001 kHz. The microprocessor in the tuner assumes some different sort of limitations just because the TS-50S is above 160 meters, and apparently searches for a match using reactive component tuning ranges more appropriate for 80 meters, even though the TS-50 is just 1 kHz above 160 meters.

> 3) Think about a new antenna...

It'll be time to find space for a 90 foot dipole.

I'd like to see the band granted, with the bottom 50 kHz being CW only, with a 100 watt power output limitation, and with no contests or similar activities.

73,

Mike / KK5F

Date: Fri, 27 Jul 2001 12:01:25 -0500
From: "George, W5YR" <w5yr@att.net>
To: mmorrow@companet.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [103626] Re: TS-440S (/QRP) and CW on 60 meters
Message-ID: <3B619E65.92630573@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Another reason I like my 88 ft 20-meter Extended double Zepp antennas! <:}

My IC-765 has had a clipped diode for over 10 years now! <:} But I have never tried the antenna tuner "out of band" so I can't comment on that. I found the mod useful to give me a good wide-range signal generator for antenna work, etc.

Mike wrote:

>
> It'll be time to find space for a 90 foot dipole.

Date: Fri, 27 Jul 2001 10:05:41 -0700
From: lhlousek <lhlousek@nvbell.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [103627] Re: TS-440S (/QRP) and CW on 60 meters
Message-ID: <016101c116be$5e0b9820$650dfea9@nvbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Hams are given the privilege of building and/or modifying their own equipment and, as such, are held responsible for ensuring that their emissions meet regs and don't cause harmful interference. The reason that the FCC includes all that nasty technical stuff in amateur radio exams to help insure that hams have at least a start toward understanding and being able to live up to their responsibilities. This is the principal difference between the amateur radio service and other radio services where the user is not permitted to build or modify equipment and the radio manufacturer is responsible for ensuring the emissions of their products meet regulations.

Commercial ham gear is not type accepted so the onus for meeting regs lies with ham.

Build, modify and emit.

Lou W7DZN

Date: Fri, 27 Jul 2001 13:07:53 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: <1reidj@clark.net>
Subject: [103628] Re: Homebrew Dials
Message-ID: <001b01c116be$af33f620$010044c0@baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A SHAMELESS HACK!

Well, after all this traveling and working way too much, I desperately needed something mindless to do, and this dial thing was just the ticket.

Goto:

http://hfradio.org/wb8rcr/downloads/Dial.zip

Case counts, there's no cutsey web page, your browser will immediately ask you if you want to save the file. There's also no install program or anything of the sort. Simply unzip the exe and dump it in the spot of your choice, double click on it and away you go.

There's also only one menu choice of interest, 'Settings!' which you fill in with the description of your dial. It's pretty crude in that it's all in pixels, so it will typically be 3 times as big on the screen as it is on paper, and if you have an old Epson printer with a weird aspect ratio you're going to get weird dials.

But it is pretty quick and simple.

Enjoy
72/73 de WB8RCR http://members.home.com/wb8rcr/index.htm
didileydadidah QRP-L #1446 Code Warriors #35

Date: Fri, 27 Jul 2001 10:50:35 -0700 (PDT)
From: Dennis Doran <wb8wtu@yahoo.com>
To: QRP-L@LEHIGH.EDU
Cc: wb8wtu@yahoo.com
Subject: [103629] Re: Anyone Got or Used New Mini-Pig 20 Rig Yet
Message-ID: <20010727175035.89854.qmail@web12508.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hmmmmmm.... I tried to bid -20.00 on this thing, then
remembered it was E-bay, changed my bid to
-GAZILLION dollars. It would not take it. Good thing
too....as I want the Spandex shorts.

The Pigs humor me.

73, & oo's
dennis

WB8WTU
-138

Do You Yahoo!?
Make international calls for as low as $.04/minute with Yahoo! Messenger
http://phonecard.yahoo.com/

Date: Fri, 27 Jul 2001 13:25:22 -0500
From: Dave Sjolin <sjolin@swbell.net>
To: mmorrow@companet.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [103630] Re: TS-440S (/QRP) and CW on 60 meters
Message-ID: <3B61B212.F231EC2A@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Mike wrote:

> It's always been legal for the owner of the rig to do mods of that sort,
> thus the FCC doesn't care as long as the usage remains legal (such as
> use on MARS/CAP/SHARES frequencies, though apparently the equipment
> standards for those services may be significantly increased in the
> not-too-distant future).

I hope so. The Army Mars station that you used to run the Mars net just
below 7000 several years ago had the worst key clicks Ive ever heard.
When I mentioned it to them at Dayton, it was like they had never heard
anything about it.

They used to wipe out the bottom 4-5 khz of 40 meters even with enough
attenuation in to get their signal down to below S9. Only reason I was
happy when MARS quit using CW.

73 de Dave, N0IT

Date: Fri, 27 Jul 2001 11:36:35 -0700
From: lhlousek <lhlousek@nvbell.net>
To: QRP-L list <qrp-l@Lehigh.EDU>, Elecraft-list <elecraft@qth.net>
Subject: [103631] Case for a K1
Message-ID: <019b01c116cb$10fa5d20$650dfea9@nvbell.net>
MIME-version: 1.0

Content-type: text/plain; charset=Windows-1252
Content-transfer-encoding: 7BIT

I found a really nifty Tamrac camera bag for the K1. It goes by the impressive (and somewhat appropriate) designation of World Correspondent Model 823. Its main compartment internal dimensions are 8 1/4 W x 2 D x 6 3/4 H (21 x 5 x 17 cm) and overall external dimension: 9 1/4 W x 3 7/8 D x 7 H (24 x 10 x 18 cm).

The main compartment has movable divider and snuggly fits the K1 with room for a small power supply or battery charger. A front zippered compartment (with three internal pockets) is abt 1.5 " (3.8 cm) deep and will accommodate the KITS, a small paddle, batteries, wire antenna, etc.. A flat rear zippered pocket will hold a small pad or documents.

My K1 fits in with its front panel facing up and room on the side for a charger or power supply but I have a low profile tuning knob http://home.nvbell.net/lhlousek/K1knobsm.jpg . You can lay the K1 down on its side but that leaves less room for other things in the main compartment.

The bag includes a shoulder strap and a tuck-away belt to turn it into a fanny pack. Comes in black or khaki.

http://www.tamrac.com/808_818_820_823.htm#823

The best price I found was at Adorama Camera (in NYC and known to those in-the-know as Odor-rama, like Radio Shack being affectionately referred to as Rat Shack or Radio Schlock)
http://www.adoramacamera.com/

Price was $49.95 plus $8.50 for UPS 3day shipping.

Lou

Date: Fri, 27 Jul 2001 15:25:33 -0400
From: G Brandon Hoyt <preacher102677@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [103632] First smk contact!!!
Message-ID: <20010727.153143.-3207217.0.preacher102677@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

This rig really works!

Just QSO'd wid W4DNE.
AWWW< YEAH... HTMF!!
Anywho,
Now I got to shower and go see planet of the apes.
150 mw, and I still got me a 569 report!
I didn't get too much of his report, some cat started calling cq on top
of us, and I couldn't hear, adn then, the QSB was bad too.
Man, I'ma have me a ball tonite!

LIC,
G. Brandon Hoyt --"Known far and Wide as the Great Pumpkin."
Photographer, Philosopher, Preacher, Pirate, Poet.
DE KG4GVL Clear.

____
GET INTERNET ACCESS FROM JUNO!
Juno offers FREE or PREMIUM Internet access for less!
Join Juno today! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

Date: Fri, 27 Jul 2001 13:45:48 -0600 (MDT)
From: russo@bogoflux.losalamos.nm.us
To: qrp-l@Lehigh.EDU
Subject: [103633] Re: FOX: ET got hung up on
Message-ID: <200107271945.NAA13086@inago.swcp.com>

Alas and alack, ET's signal was inaudible in NM between 02:00 and 03:00,
when I had to stop looking for him due to impending thunderstorms. Good thing
I quit when I did... saw lightning not ten minutes later. Heard a handful
of hounds calling you, but if I heard you at all it was too weak to copy.

T.
--
Tom Russo   KM5VY   QRPL #1592   K2#398   http://www.swcp.com/~russo/
Tijeras, NM DM64ux SOC #236 ICQ#97201722 http://www.qsl.net/~km5vy/
 "Never put off until tomorrow what you can do today, because if you like it
  today you can do it again tomorrow."

Date: Fri, 27 Jul 2001 13:45:25 -0700
From: Patrick Armstrong <aa7fg@gte.net>
To: qrp-l@Lehigh.EDU
Subject: [103634] K1 and options sold...
Message-ID: <3B61D2E4.9E0BA038@gte.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks to all who replied with interest/ offers on the K1 and options...
The rig found a new home locally in Oregon...

Pat, AA7FG

Date: Fri, 27 Jul 2001 14:33:02 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [103635] Re: Oscillators
Message-ID: <MABBJOEABOILMKCJCLFCCEHECJAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Shawn
A partial answer to your questions might be as follows.

Why is 9v used so often? Well, lower voltages would contribute to greater stability, but with lower output, requiring maybe an extra gain stage in your radio. 12v would give much more output, but stability would suffer. 9v is a compromise between these two considerations, plus 9v zeners are readily available.

73, Bob N6WG

Date: Fri, 27 Jul 2001 21:32:21 +0100
From: "TC Dufresne" <tdufresne@neb.rr.com>
To: <wb8rcr@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [103636] Re: Homebrew Dials
Message-ID: <00da01c116db$3cc24ca0$0dba1c41@neb.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Looks like a neat program. Mine doesn't show anything on the screen, but when I print-there she is...Am I doing something wrong?

Tom
----- Original Message -----
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, July 27, 2001 18:07 PM
Subject: Re: Homebrew Dials

> A SHAMELESS HACK!
>
> Well, after all this traveling and working way too much, I desperately
> needed something mindless to do, and this dial thing was just the ticket.
>
> Goto:
>
> http://hfradio.org/wb8rcr/downloads/Dial.zip
>
> Case counts, there's no cutsey web page, your browser will immediately ask
> you if you want to save the file. There's also no install program or
> anything of the sort. Simply unzip the exe and dump it in the spot of
your
> choice, double click on it and away you go.
>
> There's also only one menu choice of interest, 'Settings!' which you fill
in
> with the description of your dial. It's pretty crude in that it's all in
> pixels, so it will typically be 3 times as big on the screen as it is on
> paper, and if you have an old Epson printer with a weird aspect ratio
you're
> going to get weird dials.
>
> But it is pretty quick and simple.
>
> Enjoy
> 72/73 de WB8RCR   http://members.home.com/wb8rcr/index.htm
> didileydadidah   QRP-L #1446 Code Warriors #35
>
>

Date: Fri, 27 Jul 2001 20:46:07 +0100
From: Larry Cahoon <lejek@erols.com>
To: qrp-l@lehigh.edu
Subject: [103637] Plands for Bee #1
Message-ID: <5.0.2.1.0.20010727202711.00a17560@pop.erols.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Well last year I got rained out big time for the flight of the Bumblebees, I'm hoping the weathermen are all wrong this year. As of now the forecast is for rain and thunderstorms for Sunday. So I've got plans and contingencies. But in no event will I be out on top of a mountain with a lightning rod over my head those thunderboomers all around.

Plan A - Great WX - head out to Snickers Gap in VA and hike up the AT to the WV border. I hope to find a place to operate on the border, if I don't then I'll be in WV

Plan B - Up to Skyline drive in VA - with a shorter hike to a nice rock I found last week. That way it will not be as far back to shelter if the storms do move in.

Plan C - Find anywhere I can get within a reasonable radius of here that looks like it will be away from the rain and storms. In that case I could show up in MD, VA or even DE.

Plan D - Build a Rig

73 de Larry.....WD3P in MD

Date: Fri, 27 Jul 2001 20:27:00 +0100
From: Larry Cahoon <lejek@erols.com>
To: elecraft@qth.net, qrp-l@lehigh.edu
Subject: [103638] Battery Testing and the Bees
Message-ID: <5.0.2.1.0.20010727202439.00a03380@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

A just before the contest reiminder.....

With the discussion of how long the NiMH batteries will/should last in the K1 I thought it would be a good time to gather a bit of data from real applications. So I am proposing that those who use NiMH batteries in the upcoming Flight of the Bumblebees send me the results and I'll summarize and them and send it out to the group.

The idea is not to be to precise but rather to get a good feel at the range of results that can be expected. Also while I'm mostly interested in the NiMH and the K1 rig, I'll take data for other rigs and for the regular AA Alkaline batteries. If there is enough information I'll summarize that as well. So here't the list:

1. Rig
2. Hours operating
3. Operating Style - CQ vs Hunt and Pounce
3. Number of QSOs
4. Number of batteries in a pack
5. Start Voltage
6. End Voltage
7. Battery Rating - for the NiMH
8. Battery Type
9. How you measured the power. With the K1 then internal voltage measurement is fine, but I should know if you were using the KB1T battery option or not. Also, I think it would be best if the voltages were measured under load if possible. - that would be keydown.
10. Output power of the rig.

Tnx and 73 de Larry.....WD3P in MD
http://www.qsl.net/wd3p/

Date: Fri, 27 Jul 2001 17:48:45 -0500
From: "tmyers" <tmyers@academicPlanet.com>
To: "QRP-L Post" <qrp-l@Lehigh.EDU>
Subject: [103639] Knwd TS-670 mods?
Message-ID: <004701c116ee$4c606da0$1600a8c0@newkid>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Has anyone see a mod to allow the TS-670 Quad Bander to transmit on other bands? Mine transmits on 40M, 15M, 10M and 6M. I seem to remember other options were available when they were new. The manual doesn't address this.

Does anyone know of any mods?

Terry, KQ5U
Spring, Texas

End of QRP-L Digest 2263
****